

## Message Text

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INFO OCT-01 ISO-00 SS-15 NSC-10 CCO-00 CIAE-00 OTPE-00

EB-11 FCC-03 INR-10 NSAE-00 OC-06 RSC-01 COME-00

PM-07 L-03 NEA-10 PA-03 PRS-01 SPC-03 USIA-15 TRSE-00

MBFR-04 SAJ-01 DRC-01 /130 W  
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R 241745Z SEP 73

FM USMISSION NATO

TO SECSTATE WASHDC 1735

SECDEF WASHDC

INFO OTP WASHDC

DCA WASHDC

MCEB WASHDC

JCS WASHDC

USNMR SHAPE

USCINCEUR

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C O N F I D E N T I A L SECTION 1 OF 2 USNATO 4484

E.O. 11652: GDS: 12-31-79

TAGS: ETEL, MARR, TPSA, NATO

SUBJECT: AGENDA FOR NATO JOINT COMMUNICATIONS ELECTRONICS COMMITTEE

(NJCEC) PLENARY, NOV 6-7, 1973

REFS: A. NAC 2903 DTG 21 SEP 73 0845Z (NOTAL)

B. USNATO 4317

C. NICSMA COM(73)426 DTG 120930Z JUL (NOTAL)

D. NICSMA COM(73)475 DTG 020835Z AUG (NOTAL)

E. USNATO 3471

F. USNATO 3130

G. STATE 178190 (NOTAL)

H. AC/270(WG/1)WP/27(3RD REVISE)

I. USNATO 3674

SUMMARY: ENTIRE JOINT C-E WORKING GROUP (JCEWG) MEETING OF SEPT 21

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WAS DEVOTED TO DISCUSSION OF AN AGENDA FOR NATO JOINT C-E  
COMMITTEE (NJCEC) NOVEMBER PLENARY. PROPOSED AGENDA, INCLUDING  
OUR COMMENTS FOLLOW. END SUMMARY.

1. NATO SATCOM PHASE II. NJCEC WILL BE UPDATED ON NATO DISPUTE WITH PRIME CONTRACTOR (SEL OF FRG) WHO IS RESPONSIBLE FOR PRODUCING AND INSTALLING SATELLITE GROUND TERMINALS. ORIGINAL SHAPE CONTRACTING OFFICER WAS LT COL MAX MANN, USAF. ALTHOUGH COL MANN DEPARTED SHAPE SOME YEARS AGO, US HAS MADE HIM AVAILABLE TO HELP NATO RESOLVE DISPUTE. MANN CONTINUES TO NEGOTIATE AND DIFFERENCES BETWEEN NATO AND CONTRACTOR ARE NARROWING.

COMMITTEE WILL BE PROVIDED INFORMATION ON CURRENT STATUS OF SPREAD SPECTRUM MULTIPLE ACCESS (SSMA) PROCUREMENT AND PERFORMANCE OF NATO SATCOM PHASE II SATELLITE. AS OF TODAY, SATELLITE IS PERFORMING SATISFACTORILY.

2. SATCOM CONTINGENCY PLANNING GROUP (SCCPG) REPORT. OUR COMMENTS ARE INCLUDED IN USNATO 4317.

3. NATO INTEGRATED COMMUNICATIONS SYSTEM (NICS). AS USUAL, PROGRESS OF NICS WILL FORM CENTER PIECE OF NJCEC DISCUSSIONS. FOLLOWING SUBPARAGRAPHS ARE DEVOTED TO EACH PROPOSED ITEM.

A. PROJECT PROGRESS REPORTS: PROGRESS WILL BE REPORTED ON CIP-67 (CENTRAL REGION COMMUNICATIONS IMPROVEMENT PROGRAM), TARES (AUTOMATIC RECORD TRAFFIC SWITCHES), AND SVE'S (SECURE VOICE EQUIPMENTS). FRG, HOST NATION FOR CIP-67, AND NICSMA, HOST NATION FOR TARES ARE STILL INVOLVED IN LONG DRAWN OUT PROCESS OF PREPARING DETAILED TECHNICAL SPECIFICATIONS. THIS PROCESS HAS STRETCHED OUT FOR MORE THAN TWO YEARS, FAR TOO LONG IN OUR VIEW. FOR FUTURE MAJOR PROJECTS, WE SUGGEST THAT NICSMA PREPARE DETAILED PERFORMANCE SPECIFICATIONS (AS THEY ARE DOING FOR AUTOMATIC CIRCUIT SWITCHES) AND THEREBY REDUCE SOME OF DELAYS ASSOCIATED WITH IMPLEMENTATION OF FIRST PHASE OF NICS. ALTHOUGH CONTRACT FOR SVE'S HAS YET TO BE NEGOTIATED WITH SIEMENS OF FRG, WE UNDERSTAND CONTRACTOR IS PRODUCING EQUIPMENTS AT OWN RISK AND WILL BE ABLE TO BEGIN DELIVERY OF UNITS TO NATO BEFORE YEAR IS OUT.

B. DIGITALIZATION: DIRECTOR GENERAL NICSMA (DG) WILL REPORT STATUS OF ON-GOING DIGITALIZATION STUDIES INCLUDING FORECASTS OF DIGITALIZING NATIONAL POSTAL, TELEPHONE AND TELEGRAPH (PTT) NETWORKS.

C. CRYPTO EQUIPMENT FOR NICS: REPORT WILL INCLUDE REVIEW OF THREE SIGNIFICANT COMMUNICATION SECURITY (COMSEC) EFFORTS; DIGITAL CONFIDENTIAL

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WIDE-BAND SECURE VOICE (US PROPOSAL MADE AT JULY NJCEC PLENARY IS BEING DISCUSSED AT ALLIED COMMUNICATIONS SECURITY AGENCY (ACSA) PLENARY AND AT TELECOMMUNICATIONS PANEL OF ARMY ARMAMENTS GROUP (PANEL VIII) OCT MEETINGS), PROPOSED CHARACTERISTICS FOR A LINK ENCRYPTION DEVICE, AND ACSA ACTION ON APPROVAL OF CHARACTERISTICS FOR AN ON-LINE DIGITAL CRYPTOGRAPHIC DEVICE.

D. NICS NODAL CONCEPT: NICMSA IS IN PROCESS OF IRONING OUT CONCEPTUAL DIFFERENCES WITH MNC'S ON METHOD OF EMPLOYMENT OF AUTOMATIC CIRCUIT SWITCHES (NODES). IN PARALLEL ACTION, NICSMA IS WORKING WITH INFRASTRUCTURE COMMITTEE ON PROCEDURAL ARRANGEMENTS FOR PROCUREMENT OF SWITCHES. ALTHOUGH BASED ON SKETCHY PERFORMANCE CHARACTERISTICS (REFS C & D), IT APPEARS THAT SEVERAL NATO NATIONS MAY BE ABLE TO PRODUCE AND INSTALL EQUIPMENT IN 1975-76 TIME PERIOD.

NICSMA IS PREPARING MORE DETAILED PERFORMANCE CHARACTERISTICS, EXPECTS TO HAVE CONCEPTUAL AND PROCEDURAL PROBLEMS WORKED OUT WITH MNC'S AND INFRA COMMITTEE IN NEXT FEW WEEKS, AND WILL REPORT RESULTS TO NJCEC PLENARY. WE EMPHASIZED IN JCEWG THAT REQUEST FOR BID (RFB) SHOULD CALL FOR TIGHT DELIVERY SCHEDULE AND INCLUDE PENALTY CLAUSES FOR LATE EQUIPMENT DELIVERY. ITALIAN REP OBSERVED THAT ITALY COULD GO ALONG WITH PROCEDURES BEING DEVELOPED IN INFRASTRUCTURE COMMITTEE BUT MAINTAINED ITS RESERVATIONS MADE AT JULY NJCEC MEETING ON PROCUREMENT OF INTERIM SWITCHES (PARA 4B, REF E). WE POINTED OUT THAT NATO DESPERATELY IN NEED OF IMPROVED COMMUNICATIONS NOW, THAT AN INITIAL SYSTEM IN 1976 INSTEAD OF 1980 WOULD BE STEP IN THAT DIRECTION, THAT IF ITALY MAINTAINED ITS RESERVATION AT NJCEC, CHAIRMAN NJCEC SHOULD BE PREPARED TO ESCALATE ISSUE TO DPC AND IF NECESSARY, TO DECEMBER DPC MINISTERIAL. CHAIRMAN JCEWG NOTED THAT SINCE ITALY ONLY NATION WITH RESERVATION, IT WOULD INDEED BE APPROPRIATE TO ESCALATE ISSUE TO DPC IF NOT RESOLVED BY TIME OF NJCEC PLENARY.

E. SATCOM PHASE III GROUND TERMINALS: DG IS PREPARING OPTIONS FOR NJCEC CONSIDERATION WITH, WE UNDERSTAND, PREFERRED OPTION CALLING FOR RFB BASED ON DETAILED PERFORMANCE CHARACTERISTICS FOR SEMI-STATIC GROUND TERMINALS INSTEAD OF CONTINUING PREPARATION OF TECHNICAL SPECIFICATIONS FOR STATIC GROUND TERMINALS. THIS ACTION, WHICH WE SUPPORT IN PRINCIPLE, WILL PERMIT INTRODUCTION OF PHASE III GROUND TERMINALS AT ABOUT SAME TIME PHASE III SPACE SEGMENT BECOMES OPERATIONAL, IN LATE 1975.

F. MANAGEMENT OF OPERATION & MAINTENANCE (O&M) OF NICS: MNC'S AND NICSMA STAFFS HAVE AGREED ON SHARING O&M MANAGEMENT RESPONSIBILITIES FOR NICS. WORKING PAPER WILL BE ISSUED AS NICSMA D/32.  
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WE HAVE OBTAINED PRELIMINARY COPY OF DRAFT AND, EXCEPT FOR TWO OR THREE SIGNIFICANT RESPONSIBILITIES WHICH REMAIN UNCLEAR, WE BELIEVE DIVISION OF MANAGEMENT FUNCTIONS BETWEEN NICSMA AND MNC'S CAN BE MADE WORKABLE AND SHOULD BE SUPPORTED IN PRINCIPLE. TO OBTAIN NATIONAL INPUTS, NATIONS WILL BE ASKED TO PROVIDE REPS TO A WORKING GROUP WHICH WILL CONVENE IN BRUSSELS ON NOV 8, IMMEDIATELY FOLLOWING NJCEC MEETING. DURING HIS FORTHCOMING VISIT TO WASHINGTON, MR. GRAY OF MISSION WILL BE PREPARED TO DISCUSS POTENTIAL PROBLEM AREAS AND PROPOSE US RECOMMENDATIONS ON O&M PAPER (COPY BEING POUCHED), AS WELL AS OTHER ISSUES ON NJCEC AGENDA.

G. DEFINITION OF NICS: NATIONAL COMMENTS ON NICSMA DOCUMENT D/12 HAVE BEEN RECEIVED AND INCORPORATED IN REVISED DRAFT. MNC'S HOWEVER, ARE MAINTA  
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C O N F I D E N T I A L SECTION 2 OF 2 USNATO 4484

MENTED IN ISOLATION BUT MUST BE IMPLEMENTED IN ACCORDANCE WITH A  
SYSTEMS PLAN, IF NATO IS TO HAVE A TRULY FUNCTIONAL INTEGRATED  
COMMUNICATIONS SYSTEM.

I. MARITIME SATCOM PHASE III INTEROPERABILITY: DG WILL NOTE  
THAT PROPOSED MEETINGS, WHICH WERE TO BE HELD ON NATO MARITIME  
SATCOM INTEROPERABILITY, WERE POSTPONED DUE TO ADDITIONAL PRE-  
PARATION TIME NEEDED BY US (REF G). PLEASE ADVISE WHEN READY TO  
PROCEED WITH DISCUSSIONS.

4. POLICY ON USE BY NATIONS OF NATO COMMUNICATIONS. AT ITS JULY  
MEETING, NJCEC WAS INFORMED OF STATUS OF PREPARATION BY JCEWG OF  
DRAFT POLICY FOR USE OF NATO AND NATIONAL COMMUNICATION FACILITIES  
FOR DEFENSE PURPOSES (PARA 5, REF F). SINCE LAST NJCEC MEETING,  
JCEWG HAS REFINED DRAFT POLICY (REF H) AND IT WILL BE DISTRIBUTED  
FIRST, FOR NJCEC APPROVAL AT NOV PLENARY, AND THEN FOR DPC APPROVAL.  
AFTER APPROVAL, DOCUMENT WILL ACT AS POLICY UMBRELLA UNDER WHICH  
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INTERCONNECTION AND/OR INTEGRATION OF US AND NATO LONG HAUL  
COMMUNICATIONS SYSTEMS (REF I) CAN TAKE PLACE. RECOMMEND US REP  
TO NJCEC APPROVE DRAFT POLICY.

5. AT THIS TIME, WE ARE UNAWARE OF ANY OTHER BUSINESS WHICH MAY  
BE RAISED.

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<< END OF DOCUMENT >>

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 02 APR 1999  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** n/a  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 24 SEP 1973  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Authority:** boyleja  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1973NATO04484  
**Document Source:** ADS  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** 11652 GDS 12-31-79  
**Errors:** n/a  
**Film Number:** n/a  
**From:** NATO  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1973/newtext/t19730962/abqcecez.tel  
**Line Count:** 213  
**Locator:** TEXT ON-LINE  
**Office:** n/a  
**Original Classification:** CONFIDENTIAL  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 4  
**Previous Channel Indicators:**  
**Previous Classification:** CONFIDENTIAL  
**Previous Handling Restrictions:** n/a  
**Reference:** A. NAC 2903 DTG 21 SEP 73 0845Z (NOTAL) B. USNATO 4317 C. NICSMAACOM(73)426 DTG 120930Z JUL (NOTAL) D. NICSMAACOM(73)475 DTG 020835Z AUG (NOTAL) E. USNATO 3471 F. USNATO 3130  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** boyleja  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 21 AUG 2001  
**Review Event:**  
**Review Exemptions:** n/a  
**Review History:** RELEASED <21-Aug-2001 by elyme>; APPROVED <24-Sep-2001 by boyleja>  
**Review Markings:**

Declassified/Released  
US Department of State  
EO Systematic Review  
30 JUN 2005

**Review Media Identifier:**  
**Review Referrals:** n/a  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** AGENDA FOR NATO JOINT COMMUNICATIONS ELECTRONICS COMMITTEE (NJCEC) PLENARY, NOV 6-7, 1973  
**TAGS:** ETEL, MARR, TPSA, NATO  
**To:** STATE  
SECDEF INFO OTP  
DCA  
MCEB  
JCS  
USNMR SHAPE

USCINCEUR  
USLOSACLANT

**Type:** TE

**Markings:** Declassified/Released US Department of State EO Systematic Review 30 JUN 2005